

Converting Colors

YUV(115.9150, 32.5799, 3.5825)

Have a look what the booklet for
YUV(115.9150, 32.5799, 3.5825)
contains.

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Color

**YUV(115.9150, 32.5799,
3.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	7865B6
RGB	120, 101, 182
RGB Percent	47%, 40%, 71%
CMY	0.5294, 0.6039, 0.2863
CMYK	0.34, 0.45, 0.00, 0.29
HSL	254°, 36%, 55%
HSV	254°, 45%, 71%
XYZ	20.8429, 16.6778, 46.3766
YIQ	115.9150, -14.6770, 29.2190

Conversions

Conversions Part 2

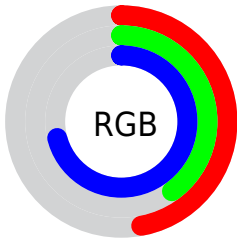
Format	Color
R_{YB}	120, 101, 182
Decimal	7890358
CIE _{Lab}	47.85, 26.29, -40.39
CIE _{LCh}	48, 48.195, 303.064
Yxy	16.6778, 0.2484, 0.1988
Android (android.graphics.Color)	4286080438 (0xFF7865B6)
YUV	115.9150, 32.5799, 3.5825
Hunter-Lab	40.8385, 19.6344, -38.7433

Details

The YUV color **115.9150, 32.5799, 3.5825** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **167.0850, -32.5799, -3.5825**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6810, 34.1743, 5.5418**, and **66.7360, 30.6962, 1.1085** is the 20% darker color. If you saturate the color by 10%, you get **101.1630, 39.8526, 4.2420**, and if you desaturate by 10%, it is **130.6670, 25.3072, 2.9230**.

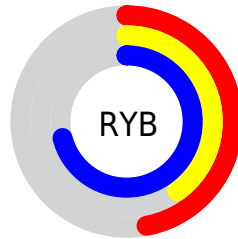
Distribution



Red (47%)

Green (40%)

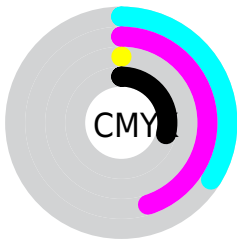
Blue (71%)



Red (47%)

Yellow (40%)

Blue (71%)

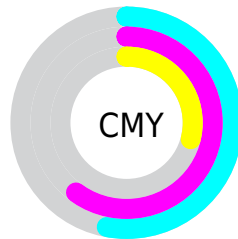


Cyan (34%)

Magenta (45%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (60%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9150, 32.5799, 3.5825 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 115.9150, 32.5799, 3.5825 by changing the saturation by 10% instead.

■ 115.9150, 32.5799,
3.5825

■ 115.9150, 32.5799,
3.5825

■ 255.0000, 0.0000,
0.0000

■ 90.9750, 31.5643,
2.6529

■ 168.6810, 34.1743,
5.5418

■ 66.7360, 30.6962,
1.1085

■ 194.8400, 29.6589,
7.1563

■ 42.7850, 29.6860,
-1.5654

■ 219.6480, 17.4285,
9.9557

■ 18.9260, 29.1235,
-7.8281

■ 243.2600, 5.7878,
10.2960

■ 6.2700, 24.0239,
-5.4988

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 115.9150, 32.5799,
3.5825

■ 115.9150, 32.5799,
3.5825

■ 101.1630, 39.8526,
4.2420

■ 130.6670, 25.3072,
2.9230

■ 86.4110, 47.1254,
4.9016

■ 145.4190, 18.0344,
2.2635

■ 71.0720, 54.6875,
6.0759

■ 160.7580, 10.4723,
1.0892

■ 56.3200, 61.9602,
6.7354

■ 175.5100, 3.1996,
0.4297

■ 41.5680, 69.2330,
7.3949

■ 190.2620, -4.0732,
-0.2298

■ 33.6050, 73.1587,
8.2394

■ 205.0140,
-11.3459, -0.8893

■ 219.7660,
-18.6186, -1.5488

■ 234.8060,
-26.0334, -3.3379

■ 243.6880,
-30.4122, 1.1506

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8990, 49.8428, -73.5794



115.9150, 32.5799, 3.5825



116.1560, 17.1781, 43.7132

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



115.9150, 32.5799, 3.5825



111.0080, -35.4999, 46.4740



91.4090, 12.6164, -80.1657

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



115.9150, 32.5799, 3.5825



167.0850, -32.5799, -3.5825

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9430, -7.3669, -63.9710



115.9150, 32.5799, 3.5825



108.1220, -41.9651, 20.0640

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



115.9150, 32.5799, 3.5825



111.3580, -19.4035, 63.7070



103.9590, -31.5318, -13.1190



95.3820, 30.3777, -83.6500

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



115.9150, 32.5799, 3.5825



113.2800, 5.7780, 60.2674



103.9590, -31.5318, -13.1190



89.1120, 6.3538, -78.1512

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



115.9150, 32.5799, 3.5825



211.9260, 12.3615, 1.8189



146.6280, 17.4384, -40.0158



104.3620, 7.7095, 0.5595



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.9150, 32.5799, 3.5825



134.3340, 50.6143, 5.8461



127.8750, 26.6836, 28.1736



84.6240, 3.6364, 0.3298



28.5480, 62.8338, 6.5354



5.2850, 11.1985, 1.5041

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



132.2870, 15.1415, 43.5983



159.7320, 23.7961, 67.7640



155.1250, -26.6836, -28.1736



86.4890, 1.7309, 4.8331



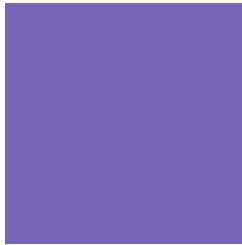
60.2100, 28.9835, 84.0078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 115.9150, 32.5799, 3.5825 looks on a white background.

Color Contrast Check

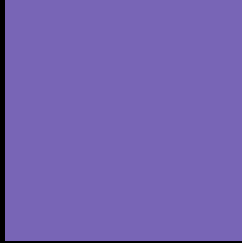
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.9150, 32.5799, 3.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

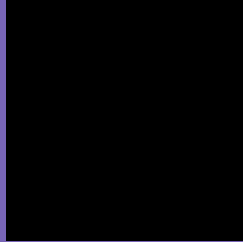
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 115.9150, 32.5799, 3.5825

Background



This preview shows how black text looks on a background with the YUV color 115.9150, 32.5799, 3.5825.



This preview shows how white text looks on a background with the YUV color 115.9150, 32.5799, 3.5825.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

115.9150, 32.5799, 3.5825

Protanopia

110.8510, 39.5135, -27.0563

Deuteranopia

110.3470, 33.8459, -29.2453



Tritanopia

113.2320, 4.8156, -4.5885

Trichromacy



Original Color

115.9150, 32.5799, 3.5825

Protanomaly

112.6460, 37.1495, -15.4755

Deuteranomaly

112.3100, 33.3712, -16.9349

Tritanomaly

113.8870, 14.8457, -1.6549

Monochromacy



Original Color

115.9150, 32.5799, 3.5825

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9150, 32.5799, 3.5825 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(120, 101, 182)` looks like.

```
.text, #text, p{  
    color:rgb(120, 101, 182)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 101, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 101, 182) }
```

Border

The CSS property to change the border of an element to YUV 115.9150, 32.5799, 3.5825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 101, 182) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(120, 101, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(120, 101, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 101, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 101, 182);  
box-shadow:4px 4px 4px 4px rgb(120, 101,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 115.9150, 32.5799, 3.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 101, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120,  
101, 182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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